

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

RECEIVED

25 NOV 1999



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: B01L 3/00, B01J 19/00	A1	(11) International Publication Number: WO 99/58245 (43) International Publication Date: 18 November 1999 (18.11.99)
(21) International Application Number: PCT/IB99/00907 (22) International Filing Date: 7 May 1999 (07.05.99) (30) Priority Data: 9809943.5 8 May 1998 (08.05.98) GB (71) Applicant (for all designated States except US): AMERSHAM PHARMACIA BIOTECH AB [SE/SE]; Bjorkgatan 30, S-751 84 Uppsala (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): LARSSON, Anders [SE/SE]; Kvambacksvagen 131, S-161 49 Bromma (SE). ALLMER, Klas [SE/SE]; Soltorpsvagen 8, S-182 33 Danderyd (SE). ANDERSSON, Per [SE/SE]; Hornsgatan 147 STR, S-117 30 Stockholm (SE). (74) Agent: ROLLINS, Anthony, John; Nycomed Amersham plc, White Lion Road, Amersham, Bucks HP7 9LL (GB).	(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: MICROFLUIDIC DEVICE (57) Abstract A microfluidic device adapted such that the flow of fluids within the device is controlled by different surfaces of the device having different surface characteristics. Preferably the device comprises a substrate not formed from a hydrated oxide material.		